

4K H.265 PoE NVR 5000 Series



DATASHEET

KEY FEATURES

- ▶ **8/16*PoE Ports** (8/16*PoE ports design provides just one step to connect camera to NVR.)
- ▶ **HDMI&VGA** (Providing both HDMI and VGA ports for different types of monitor displays.)
- ▶ **H.265⁺** (H.265⁺ allows to cut down 70%~80% bandwidth while ensuring the high quality of images compared with H.264.)
- ▶ **4K Video Viewing Experience** (Supporting up to 4K definition live viewing, playback and recording, providing with ultra-high-definition video viewing experience.)
- ▶ **Flexible Storage Options** (Providing greater flexibility to address the needs for versatile storage via utilizing HDD and NAS storage supported.)
- ▶ **Dual Stream Recording** (Supporting Primary Stream and Secondary Stream recording simultaneously, freely choose the desired streaming based on the bandwidth available.)
- ▶ **ANR** (Automatically replenish the recording gap due to internet interruptions by storing at the edge.)
- ▶ **Versatile Interfaces** (A whole array of ports such as HDMI port, VGA port, USB port, 8/16 PoE ports, Alarm I/O, Audio I/O and a LAN port provide all necessary features for effective surveillance.)

Powerful Decoding Capacity

Maximum support 6*1080P or 12*720P network cameras viewing at the same time.



Smart VCA Management

Milesight 4K H.265 PoE NVR 5000 Series supports alarm configurations and event search of Milesight Smart VCA. Once suspicious events detected, the devices can trigger alarms and recordings, improving video surveillance efficiency.



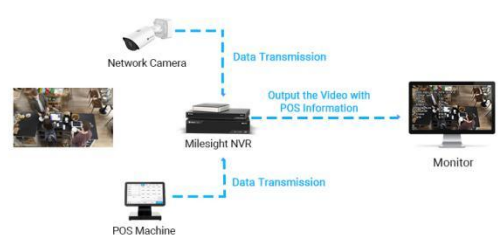
Enterprise ANPR Management

Defined as the Enterprise ANPR management system, Milesight 4K H.265 PoE NVR 5000 Series (MS-N5016-PE) becomes the central management site to easily monitor the traffic, including the real-time preview of the car plates, smart analysis and other more detailed settings.



POS Integration

The combination of retail transaction data with surveillance videos makes it easy to check goods settlement, miscalculation and missing calculation in the stores, supermarkets and other places, which is helpful to boost customer service and in-store competitive advantage.



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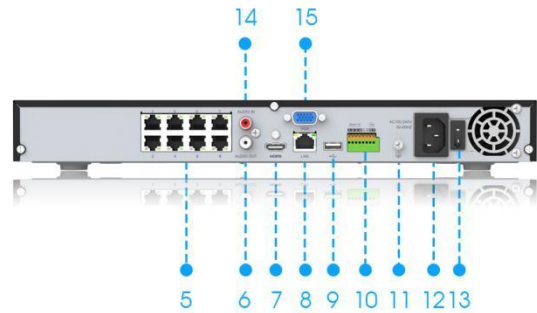


Model		MS-N5008-UPC	MS-N5016-PE
Video/Audio Input	Network Video Input	8-CH	16-CH
	Bandwidth	Incoming	80Mbps
		Outgoing	80Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output	
	VGA Output	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
	Dual Stream	Support	
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF	
	Synchronous Playback	1*(30fps @8MP), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 8*(30fps @720P)	1*(30fps @8MP), 2*(30fps @6MP), 2*(30fps @5MP), 3*(30fps @4MP), 4*(30fps @3MP), 6*(30fps @1080P), 12*(30fps @720P)
Video/Audio Compression	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264	
	Audio Compression	G.711/AAC/G.722/G.726	
	Sample Rate	8KHz/16KHz	
	Synchronous Recording	8*5MP	
Storage	SATA	2*SATA HDD(3.5")	
	Capacity	Up to 10TB capacity for each HDD	
Recording Management	Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)	
	Snapshot Type	N/A	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)
	Playback Type	General Playback, Event Playback, Tag Playback, Split Playback, Picture Playback	
Backup	Backup	Video Backup, Image Backup	
Network	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS	
External Interface	Network Interface	1*RJ45 10/100/1000Mbps	
	USB Interface	2*USB 2.0	
	Audio Input/Output	1*RCA/1*RCA	
	Alarm Input/Output	4-CH/1-CH	
PoE Interface	Interface	8*RJ45 10/100Mbps	16*RJ45 10/100Mbps
	Power Output	≤120W	≤200W
	Supported Standard	IEEE 802.3af/at	
General	Compatibility	ONVIF, API	
	Advanced Function	ANR	
	ANPR	Support	
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed	
	Keyboard Control	Milesight Keyboard (MS-K01)	
	Power Supply	AC 100V~240V 50Hz~60Hz	
	Consumption	≤9W(Without HDD, without enabling PoE)	≤8.5W(Without HDD, without enabling PoE)
	Working Conditions	Temperature: -10℃~55℃ / Humidity: 10%~90%	
	Dimensions	Rack Mountable Chassis (1.0U Standard) 380mm(W)X317.6mm(D)X51.8mm(H)	
	Weight	2.6Kg	2.7Kg
	Warranty	3/5 Years	



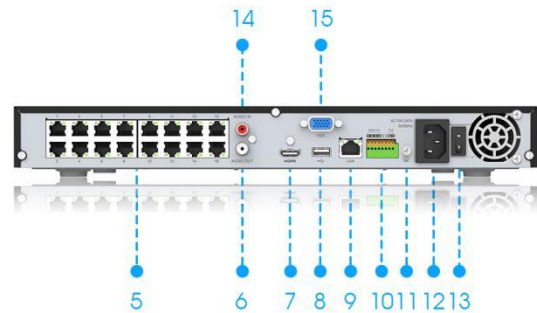
Interfaces

MS-N5008-UPC



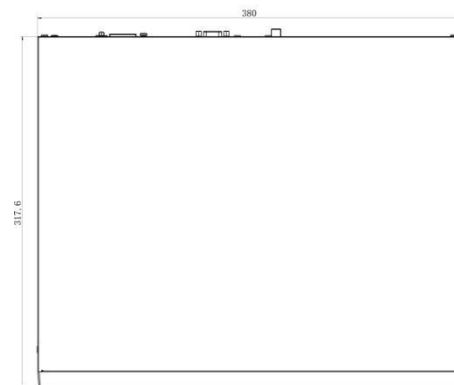
- 1. Run Indicator 2. HDD Indicator 3. Power Indicator 4. USB 5. PoE Ports 6. Audio Out 7. HDMI 8. Ethernet Port
- 9. USB 10. Alarm In/Out 11. GND 12. Power 13. Power Button 14. Audio In 15. VGA

MS-N5016-PE



- 1. Run Indicator 2. HDD Indicator 3. Power Indicator 4. USB 5. PoE Ports 6. Audio Out 7. HDMI 8. USB
- 9. Ethernet Port 10. Alarm In/Out 11. GND 12. Power 13. Power Button 14. Audio In 15. VGA

Structure Diagrams



Naming Convention

Units: mm

